

What Is Claimed Is:

1. A method for controlling at least two audio/video ("A/V") devices to render a desired content, comprising:

constructing a filter graph of said at least two A/V devices as a function of a connection topology of said at least two A/V devices and said desired content; and
controlling said at least two A/V devices via said filter graph to render said desired content on one of said at least two A/V devices.

2. The method according to claim 1, wherein constructing said filter graph includes:

connecting at least two device filters corresponding to said at least two A/V devices.

3. The method according to claim 2, wherein each of said at least two device filters includes predetermined characteristics of a corresponding one of said at least two A/V devices.

4. The method according to claim 3, wherein said predetermined characteristics of each of said at least two device filters includes at least one of an input pin and an output pin.

5. The method according to claim 4, wherein said at least two device filters are connected by connecting said at least one of said input pin and said output pin of one of said at least two device filters to said at least one of said input pin and said output pin of the other one of said at least two device filters.

6. The method according to claim 3, wherein said predetermined characteristics of each of said at least two device filters includes a media type, and wherein said filter graph is constructed as a further function of said media type of at least one of said at least two device filters.

7. The method according to claim 3, wherein said predetermined characteristics of each of said at least two device filters includes a location, and wherein said filter graph is constructed as a further function of said location of at least one of said at least two device filters.

8. The method according to claim 1, wherein said desired content is determined as a function of a user input.

9. The method according to claim 8, wherein said user input is a verbal command, the method further comprising:

determining said rendered content as a function of said verbal command.

10. The method according to claim 9, further comprising:

determining a desired activity as a function of said verbal command, wherein said filter graph is constructed as a further function of said desired activity.

11. The method according to claim 9, further comprising:

determining a target device as a function of said verbal command, wherein said target device indicates which of said at least two A/V devices renders said desired content.

12. The method according to claim 1, further comprising:

determining a user location, wherein said filter graph is constructed as a further function of said user location.

13. The method according to claim 1, further comprising:

validating said filter graph as a function of said connection topology.

14. The method according to claim 1, wherein the processor controls said at least two

A/V devices via a command transmission device.

15. The method according to claim 1, wherein said command transmission device includes at least one of a serial cable, an infrared transmitter and a radio frequency transmitter.

16. A set of instructions residing on a storage medium, said set of instructions capable of being executed on a processor to implement a method for controlling at least two A/V devices to render a desired content, the method comprising:

constructing a filter graph of said at least two A/V devices as a function of a connection topology of said at least two A/V devices and said desired content, and

controlling said at least two A/V devices via said filter graph to render said desired content on one of said at least two A/V devices.

17. The set of instructions according to claim 16, wherein constructing said filter graph includes:

connecting at least two device filters corresponding to said at least two A/V devices.

18. The set of instructions according to claim 17, wherein each of said at least two device filters includes predetermined characteristics of a corresponding one of said at least two A/V devices.

19. The set of instructions according to claim 18, wherein said predetermined characteristics of each of said at least two device filters includes at least one of an input pin and an output pin.

20. The set of instructions according to claim 19, wherein said at least two device filters are connected by connecting said at least one of said input pin and said output pin of one of said at least two device filters to said at least one of said input pin and said output pin of the other one of said at least two device filters.

21. The set of instructions according to claim 18, wherein said predetermined characteristics of each of said at least two device filters includes a location, and wherein said filter graph is constructed as a further function of said location of at least one of said at least two device filters.

22. The set of instructions according to claim 16, wherein said desired content is determined as a function of a user input.

23. The set of instructions according to claim 16, wherein said user input is a verbal command, wherein said processor further determines said rendered content as a function of said verbal command.

24. The set of instructions according to claim 22, said processor further determining a desired activity as a function of said verbal command, wherein said filter graph is constructed as a further function of said desired activity.

25. The set of instructions according to claim 16, said processor further determining a user location, wherein said filter graph is constructed as a further function of said user location.

26. The set of instructions according to claim 16, said processor further validating said filter graph as a function of said connection topology.

27. The set of instructions according to claim 16, wherein said processor controls said at least two A/V devices via a command transmission device.

28. A system for controlling at least two A/V devices to render a desired content, comprising:

- a processor;
- a storage device coupled to said processor; and
- a command transmission device coupled to said processor and said at least two A/V devices,

wherein said processor constructs a filter graph of said at least two A/V devices as a function of a connection topology of said at least two A/V devices and said desired content, and wherein said processor controls said at least two A/V devices via said filter graph to render said desired content on one of said at least two A/V devices.

29. The system according to claim 28, wherein said command transmission device includes at least one of a serial cable, an infrared transmitter and a radio frequency transmitter.

30. The system according to claim 28, further comprising a communication device coupled to said processor.

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